AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) An apparatus for ~~analysing the~~ analyzing a condition of a machine based on measurement data received from a sensor taking measurements at a measuring point of the machine, comprising:

at least one input for receiving the measurement data from [[a]] the sensor ~~for surveying a measuring point of the machine~~;

data processing means for processing condition data dependent on said measurement data, [[;]]said data processing means comprising means for performing a plurality of condition monitoring functions ~~(F 1, F2, Fn)~~; and

a logger for registering use of at least two of said condition monitoring functions ~~(F 1, F2, Fn)~~;

wherein said logger is adapted to register a first value indicative of an amount of use of a first condition monitoring function by adjusting the first value at a first rate for each said use; ~~and~~

wherein said logger is adapted to register a second value indicative of an amount of use of a second condition monitoring function by adjusting the second value at a second rate for each said use; and

wherein the apparatus is configured to disable use of a selected one of the first and second condition

monitoring functions if a corresponding said value indicative of an amount of use reaches a predetermined threshold value.

2. (currently amended) The apparatus according to claim 1, wherein said value corresponds to a monetary cost, and wherein said second rate is ~~such that use registered at said second rate causes a higher cost per unit of usage than use registered at~~ greater than said first rate.

3. (currently amended) The apparatus according to claim 1, wherein said value corresponds to a monetary cost, and wherein said second rate is less than ~~such that use registered at said second rate causes a lower cost per unit of usage than use registered at~~ said first rate.

4. (currently amended) The apparatus according to claim 1, wherein[[:]]said first and second values describe ~~registered use is a parameter indicative of~~ a number of executions of at least one of said first and second condition monitoring functions, repsectively ~~(F1, F2, Fn)~~.

5. (currently amended) The apparatus according to claim 1, wherein[[:]] each of said first value describes ~~registered use is a parameter indicative of~~ an ~~extent~~ amount of time of use of said first condition monitoring function, and said second value describes an amount of time of use of said second condition monitoring function.

6. (currently amended) The apparatus according to claim 1, wherein said plurality of condition monitoring

functions ~~(F1, F2, Fn)~~ includes at least two ~~or three or more~~ functions selected from the group consisting of: vibration analysis, temperature analysis, shock pulse measuring, spectrum analysis of shock pulse measurement data, Fast Fourier Transformation of vibration measurement data, graphical presentation of condition data on a user interface, storage of condition data in a writeable information carrier on said machine, storage of condition data in a writeable information carrier in said apparatus, tachometering, imbalance detection, and misalignment detection.

7. (currently amended) The apparatus according to claim 1, wherein said plurality of condition monitoring functions ~~(F1, F2, Fn)~~ includes a function for imbalance detection.

8. (currently amended) The apparatus according to claim 1, wherein said plurality of condition monitoring functions ~~(F1, F2, Fn)~~ includes a function for balancing.

9. (currently amended) The apparatus according to claim 1, wherein said plurality of condition monitoring functions ~~(F1, F2, Fn)~~ includes a function for misalignment detection.

10. (currently amended) The apparatus according to claim 1, wherein said plurality of condition monitoring functions ~~(F1, F2, Fn)~~ includes a function for alignment.

11. (previously presented) The apparatus according to claim 1, further comprising means for causing a user interface to indicate when use is registered at said first rate.

12. (previously presented) The apparatus according to claim 1, further comprising means for causing a user interface to indicate when use is registered at said second rate.

13. (currently amended) An apparatus for ~~analysing the~~ analyzing a condition of a machine having a rotating shaft based on measurement data received from a sensor taking measurements at a measuring point of the machine, comprising:

at least one input for receiving the measurement data from [[a]] the sensor, ~~for surveying a measuring point of the machine;~~ said measurement data being dependent on rotation of said rotating shaft;

data processing means for processing condition data dependent on said measurement data, [[;]] said data processing means comprising means for performing a plurality of condition monitoring functions ~~(F1, F2, Fn)~~;

a logger for registering a value indicative of an amount of use of at least one of said condition monitoring functions ~~(F 1, F2, Fn)~~; ~~and~~

means for reading a current said value ~~of said registered use~~; and

means for comparing said current value with a reference value;

wherein said logger is adapted to ~~register use~~ adjust the current value at a first rate when said current value is above the reference value, [[;]] and said logger is adapted to ~~register use~~ adjust the current value at a second rate when said current value is below the reference value.

14. (currently amended) The apparatus according to claim 13, wherein said value corresponds to a monetary cost, and wherein said second rate is ~~such that use registered at said second rate causes a higher cost per unit of usage than use registered at~~ greater than said first rate.

15. (currently amended) The apparatus according to claim 13, wherein said value corresponds to a monetary cost, and wherein said second rate is ~~such that use registered at said second rate causes a lower cost per unit of usage than use registered at~~ greater than said first rate.

16. (currently amended) The apparatus according to claim 13, wherein[[:]] said value indicative of an amount of ~~registered~~ use ~~is a parameter indicative of~~ represents a number of executions of at least one of said condition monitoring functions~~(F1, F2, Fn)~~.

17. (currently amended) The apparatus according to claim 13, wherein[[:]] said value indicative of an amount of ~~registered~~ use ~~is a parameter indicative of an extent~~ represents an amount of time.

18. (currently amended) The apparatus according to claim 13, wherein said plurality of condition monitoring functions ~~(F1, F2, Fn)~~ includes at least two ~~or three or more~~ functions selected from the group consisting of: vibration analysis, temperature analysis, shock pulse measuring, spectrum analysis of shock pulse measurement data, Fast Fourier Transformation of vibration measurement data, graphical presentation of condition data on a user interface, storage of condition data in a writeable information carrier on said machine, storage of condition data in a writeable information carrier in said apparatus, tachometering, imbalance detection, and misalignment detection.

19. (currently amended) The apparatus according to claim 13, wherein said plurality of condition monitoring functions~~(F1, F2, Fn)~~ includes a function for imbalance detection.

20. (currently amended) The apparatus according to claim 19, wherein said plurality of condition monitoring functions~~(F1, F2, Fn)~~ includes a function for balancing.

21. (currently amended) The apparatus according to claim 13, wherein said plurality of condition monitoring functions ~~(F1, F2, Fn)~~ includes a function for misalignment detection.

22. (currently amended) The apparatus according to claim 21, wherein said plurality of condition monitoring functions ~~(F1, F2, Fn)~~ includes a function for alignment.

23. (previously presented) The apparatus according to claim 13, further comprising means for causing a user interface to indicate when use is registered at said first rate.

24. (previously presented) The apparatus according to claim 13, further comprising means for causing a user interface to indicate when use is registered at said second rate.

25. (currently amended) The apparatus according to claim 13, wherein said logger is adapted to register at least first and second values indicative of an amount of use of at least two of said condition monitoring functions, respectively ~~(F1, F2, Fn)~~; and

wherein said logger is adapted to ~~register~~ adjust the first value indicative of an amount of use of [[a]] the first condition monitoring function at a third rate; and

wherein said logger is adapted to ~~register~~ adjust the second value indicative of an amount of use of [[a]] the second condition monitoring function at a fourth rate, said fourth rate being different ~~deviating~~ from said third rate.

26. (currently amended) The apparatus according to claim 25, wherein said fourth rate is ~~such that use registered at said fourth rate causes a higher cost per~~

~~unit of usage than use registered at~~ greater than said third rate.

27. (currently amended) The apparatus according to claim 25, wherein said fourth rate is ~~such that use registered at said fourth rate causes a lower cost per unit of usage than use registered at~~ less than said third rate.

28. (new) An apparatus for analyzing a condition of a machine based on measurement data received from a sensor taking measurements at a measuring point of the machine, comprising:

at least one input for receiving the measurement data from the sensor;

data processing means for processing condition data dependent on said measurement data, said data processing means comprising means for performing a plurality of condition monitoring functions; and

a logger for registering use of at least two restricted condition monitoring functions among the plurality of condition monitoring functions;

wherein the logger is adapted to register a current value of a centralized account, the logger further adjusting the value of the centralized account upon each use of any of said restricted condition monitoring functions;

wherein the apparatus is configured to disable use of all of the restricted condition monitoring functions if the current value of the centralized account reaches a predetermined threshold value; and

wherein the logger is constructed to adjust the current value of the centralized account by a first amount

upon execution of a first of the restricted condition monitoring functions and by a second amount upon execution of a second of the restricted condition monitoring functions, the first and second amounts being different from one another.

29. (new) The apparatus of claim 28, wherein the plurality of condition monitoring functions comprises both the restricted condition monitoring functions and unrestricted condition monitoring functions, the logger being constructed so that execution of any of the unrestricted condition monitoring functions does not cause the logger to adjust the current value of the centralized account.